

19980809.qrp v01_n178.qrs.980809

Date: Sun, 9 Aug 1998 19:03:10 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1178

QRP-L Digest 1178

Topics covered in this issue include:

- 1) [17159] london
by THE ONE AND ONLY <mitch96@pobox.com>
- 2) [17160] Tick Keyer Programming
by tracy@orlando.com (Tracy)
- 3) [17161] Small boots for my WM-20?
by "Terry Bassett" <mutabut@net66.com>
- 4) [17162] Inverting loop attach points....
by Dave Willey <dave@cds1.net>
- 5) [17163] The TAC-1(40m) is sold
by nilsbull@juno.com (Nils R Young)
- 6) [17164] R2 Reduced Current Consumption Mod
by Dave Fifield <fifield@pacbell.net>
- 7) [17165] quotes
by Fran Flynn <fflynn@together.net>
- 8) [17166] Re: Quotation Verbosity Monitor Report
by Bob Hightower <ki7mn@dancris.com>
- 9) [17167] Quarterly comments
by af852@rgfn.epcc.edu (William R Colbert)
- 10) [17168] Antenna coil size
by RangerSF5@aol.com
- 11) [17169] Re: Inverting loop attach points....
by "Walter Dufrain" <walter@inlink.com>
- 12) [17170] Items for sale
by RangerSF5@aol.com
- 13) [17171] Re: Making a 'Cootie' Key
by applitech@mcg.net (Claton Cadmus)
- 14) [17172] spell checkers
by Roger Braker <msebrakr@telepath.com>
- 15) [17173] Re: QRPTTF theme?
by Paul Harden <pharden@aoc.nrao.edu>
- 16) [17174] Re: QRPTTF theme?
by "M. Monninger" <markem@primenet.com>
- 17) [17175] Frequency Counter Kits?
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 18) [17176] Re: QRPTTF theme?
by Paul Harden <pharden@aoc.nrao.edu>
- 19) [17177] Re: Frequency Counter Kits?

- by Paula Bailey <pmbail01@ox.slug.louisville.edu>
- 20) [17178] FS
by "C.D. Rakes" <cdrakes@ipa.net>
- 21) [17179] QRP items for Sale - NOIT
by Dave Sjolín <sjolin@swbell.net>
- 22) [17180] Re: late BB report/portable mast
by DYARNES@aol.com
- 23) [17181] 74(L)S192 Availability
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 24) [17182] Re: Quotation Verbosity Monitor Report
by RABRUNER@aol.com
- 25) [17183] Re: Millen GDO 90651
by George Gingell <k3tks@u1.abs.net>
- 26) [17184] Toroid Tips
by George Gingell <k3tks@u1.abs.net>
- 27) [17185] Re:Change of Addres
by George Gingell <k3tks@u1.abs.net>
- 28) [17186] TenTec PM3A Sale
by "Gary M. - W2UX" <MAIL4GARY@worldnet.att.net>
- 29) [17187] Re: spell checkers
by "Bill Todd" <bill@willapabay.org>
- 30) [17188] bandwidth arrugh
by "Jerry W. O'Dell" <jwodell@ameritech.net>
- 31) [17189] Quotation Verbosity Monitor Report
by w0yse@juno.com (Neil Klagge)
- 32) [17190] MV1662 diodes
by Bensondj@aol.com
- 33) [17191] Re: Did I really do this? Or: Where'd these cards come from?
by w4bws@juno.com (Donald E Sanders)
- 34) [17192] Car Battery in house?
by nhoop@centuryinter.net (Nat H)
- 35) [17193] Re: Inverting loop Attach Points
by w4pj@w4bkx.ampr.org
- 36) [17194] tn timer responses
by "Terry Bassett" <mutabut@net66.com>
- 37) [17195] Re: Frequency Counter Kits?
by Bruce Ratray <rattray@gpfn.sk.ca>
- 38) [17196] Re: Frequency Counter Kits?
by "George T. Baker" <w5yr@swbell.net>
- 39) [17197] FS or Trade: Hamtronics Receiving Converter
by "KWM" <martins@ccosmo.net>
- 40) [17198] RE: Car Battery in house?
by Tracy@bytemark.com (Tracy)
- 41) [17199] 6 meter QRP CW activity today.
by "Kelly Ellison" <kelman@dialnet.net>
- 42) [17200] News from AC6UV
by herr@ridgecrest.ca.us (Michael Herr)
- 43) [17201] Re: Millen GDO 90651

by "Hugo W. Catta" <hugo@banet.net>
44) [17202] The ARK30 is sold
by nilsbull@juno.com (Nils R Young)
45) [17203] FS: RAC Counter/Digital Dial
by nilsbull@juno.com (Nils R Young)
46) [17204] six meters and up
by fcsww@juno.com (dick rood)
47) [17205] VLF radio
by "Michael S. Williamson" <ag97@sendero.net>
48) [17206] Tech America Solar panel
by penzo@juno.com (Michael A Penzo)
49) [17207] Re: Do We Really Need to be Soldering First? (long) (was Elmer p
by "Dan Hogan" <dhhogan@concentric.net>
50) [17208] Single Digit Nye 330C Update
by "Marshall Emm" <mgemm@mtechnologies.com>
51) [17209]
by w4bld@juno.com
52) [17210] Alinco HT For Sale
by KF4EIB@aol.com
53) [17211] KPH ?
by Paul Erickson <paule@sfu.ca>
54) [17212] Jamming on Arnie's Show Last Night?
by Bruce Muscolino <w6toy@erols.com>
55) [17213] Re: Quotation Verbosity Monitor Report
by Mike - W0TMW <crucis@sky.net>
56) [17214] Re: Quotation Verbosity Monitor Report
by nhoop@centuryinter.net (Nat H)
57) [17215] Re: Car Battery in house?
by nhoop@centuryinter.net (Nat H)
58) [17216] Measuring transistor hFE
by Leon Heller <leon@lfheller.demon.co.uk>
59) [17217] Re: VLF radio
by KC5TJA <kc5tja@topaz.axisinternet.com>
60) [17218] KPH 13001.90 khz
by n4so@juno.com (charles k brown)
61) [17219] Wire/Rope Ant... 40mtr/20mtr... Cajun this way-that a'way special
by jdenison@morelr.com (JOEL DENISON)
62) [17220] Re: Measuring transistor hFE
by hsilver@pyx.net
63) [17221] Re:
by RangerSF5@aol.com

Date: Sat, 08 Aug 1998 19:24:00 -0400
From: THE ONE AND ONLY <mitch96@pobox.com>
To: Qrp-l@Lehigh.EDU
Subject: [17159] london

Message-ID: <35CCDE10.559C@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

john,
in your list you forgot the g-qrp club, neat radio folk, hagus.....oops,
--

Mitch, Ww4mL
Eschew Obfuscation!

Date: Sat, 8 Aug 1998 20:23:35 -0400
From: tracy@orlando.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>, <kd7s@psnw.com>
Subject: [17160] Tick Keyer Programming
Message-ID: <004001bdc32b\$f2396660\$83241ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK, I'm confused.

I built this neat little TICK keyer board, and it seems to work. (Thanks, Bill!)

My question is regarding operation. In the documentation, it says to hold the button to allow the TICK to cycle through each of its functions. When I hold the button down, it seems to skip functions. It does the S, T, A and K. In the instructions I'm told it should go through S, T, P, A, SK, M, B, then K.

If I hold it down through the A, then let up and press again, it will sound an 'I' and then go through the entire set of letters once, then back to the first sequence.

Have I done something wrong? Or is there part of the procedure I don't understand?
Any pointers will help. I'm not unhappy with the performance, just confused.
Tracy N4LGH
QRP-L #1453

PS

I let the smoke out of C1, so I replaced it with a 10 uF Tantalum as that was all I had. This is just a filter, right? shouldn't make any difference? Reversed polarity the first time ... oops. Could that have damaged the chip? It did NOT damage the regulator or any other parts.

Date: Sat, 8 Aug 1998 19:07:56 -0500
From: "Terry Bassett" <mutabut@net66.com>
To: "QRP-L" <Qrp-l@Lehigh.EDU>
Subject: [17161] Small boots for my WM-20?
Message-ID: <005b01bdc329\$c457b640\$a1538bce@host.net66.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All,

I recently acquired a White Mountain 20 Meter SSB radio. It puts out about 1 - 1/2 to 2 watts. I have been completely unsuccessful in making a single contact. Today the Qrn was so bad at my house that I threw together a dipole, checked it for resonance at home, then went to the outskirts of the town Park and set up a station.

The dipole was up a good 40 feet or so, in the clear and I was not getting the Qrn that was so obnoxious at the house. But, still no contacts. There was a State QSO Party and a Special Event station at a Light House. Both of these were people looking for contacts. I called and called every time they said QRZ?...Nada, zip...

So the point of my post...Does any one know of a set of plans that would take a watt of SSB and boost it to the 5 watt level? It would have to be Class A or AB1, if I understand the ARRL Handbook correctly.

Would going to the 5 watt level be of any use or should I just persevere at the one watt level. By the way, I do intend to contact the Power Company on Monday, I tracked down the QRN to a local business down the street.

72

Terry KA9TXE Tuscola, Illinois

Date: Sat, 08 Aug 1998 17:16:59 -0700
From: Dave Willey <dave@cds1.net>

To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [17162] Inverting loop attach points....
Message-ID: <35CCEA7B.72DF@cds1.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Walter Dufraim wrote...

>Hi Bernie, Bob, etal; yes, the loops have interaction with each
>other and it seems to me, that they are much easier to get tuned
>with the 180 degree flip of the feedline between loops.

OK now, you guys got me thinking. Could "flipping" the feed point
on a fan dipole (dipole w/ several wire elements cut so it covers
more than one band), help to keep the unused elements from reacting
to the desired element?

I put up a fan dipole several months ago and never could get it to
play very well. Had a 1:1 baulen (SP?) with 3" pigtails down the sides
to some barrier strips where I could remove / add elements. Wonder
if I should have brought every other wire accross to the other side of
the baulen?

I'll have to crawl up to the roof soon & check it out. (as if I
didn't already have enough antenna project ideas running around in
my head...)

Thoughts anyone?

--

To send a reply please remove "NOJUNKMAIL" from the return address,
and replace "AT" with "@"

Dave Willey
e-mail: dave AT cds1.net
amateur e-mail: kd6kwm AT cds1.net
amateur packet: KD6KWM@KD6KWM.#NCA.CA.USA.NOAM

--

QRP-L #1567

Date: Sat, 8 Aug 1998 19:31:55 -0500

From: nilsbull@juno.com (Nils R Young)
To: QRP-L@Lehigh.EDU
Subject: [17163] The TAC-1(40m) is sold
Message-ID: <19980808.193209.9678.1.nilsbull@juno.com>

The subject says it all.

The TAC-1(40m) is sold.

Thanks gang . . .

73
Nils

Nils R. Bull Young
La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 08 Aug 1998 17:42:12 -0700
From: Dave Fifield <fifield@pacbell.net>
To: laura halliday <marsgal42@hotmail.com>, QRP List <qrp-l@Lehigh.EDU>
Subject: [17164] R2 Reduced Current Consumption Mod
Message-ID: <35CCF064.67A9@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Laura,

I'm not sure if you are aware, but most of the 100mA that an R2 takes is "wasted" in the audio amplifier. It truly is a high-fidelity amplifier and uses lots of current to achieve its performance. However, the very same audio amplifier can be tweaked to have only marginally more distortion whilst only using a fraction of the current. I have R2's running typically about 30mA that perform just as well as the 100mA version for all intents and purposes.

The modification is simple - change R55 from 5.6K to 7.4K (just add a 1.8K in series with it!) and change R56 from 33K to 22K. That's it, simple! You'll have to re-tweak the quiescent current pot (R57) to get about 30mA overall into the RX.

I also added a high frequency breakpoint to the amplifier to limit high frequency audio (hiss) gain. Wire a 4.7K resistor in series with a 2200pF (= 22nF = 0.0022uF) capacitor, then put them across R54 (in parallel with it) in the amplifier's feedback path.

There are many other mods that improve the front end noise figure etc. too, do you know about these? If you need a pointer, let me know.

72, Dave Fifield, AD6AY

Date: Sat, 8 Aug 1998 21:28:08 -0400 (EDT)
From: Fran Flynn <fflynn@together.net>
To: n2tpa@juno.com, qrp-l@Lehigh.EDU
Subject: [17165] quotes
Message-ID: <199808090128.VAA15034@sequoia.together.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

> If I may place a vote FOR wasting bandwidth. When someone
>references a message in there reply, I find it handy to have that
>original message quoted.

Part of the original post quoted is quite acceptable, at least to me.
Just enough to remind me of the last post.
This is a very active list, so IMHO it's helps if we
limit excessive verbosity.

73 es 72

Fran Flynn KM1Z,FN34,BTV
(formerly KN2C of Syracuse, NY!)

Date: Sat, 08 Aug 1998 18:37:10 +0000
From: Bob Hightower <ki7mn@dancris.com>
To: mwattcpa@earthlink.net
Cc: qrp-l@Lehigh.EDU
Subject: [17166] Re: Quotation Verbosity Monitor Report
Message-ID: <Version.32.19980808183543.0102bc50@mail.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:53 PM 8/8/98 +0000, you wrote:

>

>Example: Message subject Re: HELP!

>Body text: Use a .01 cap from U5 to ground. Should solve the problem.

Ah, there seems to be a clue here. When writing notes to the list, please make the subject line indicative of the content. When replying, don't change the subject line. Makes it easier to build threads, and to use the delete key when appropriate.

Date: Sat, 8 Aug 1998 19:38:30 -0600 (MDT)
From: af852@rgfn.epcc.edu (William R Colbert)
To: qrp-l@Lehigh.EDU
Subject: [17167] Quarterly comments
Message-ID: <199808090138.TAA18739@rgfn.epcc.edu>

Receivbed my copy to day and almost nothing else was accomplished. Another great job by the staff, contributors, editors, printers just outstanding. I particularly liked reading the history speech that was done by Ade and printed this issue. I was not a member of the club at that time, but was aware of the tussle taking place. One of my fond memories from that early time was meeting a miliwatter - Art Chile, W6TYP, who was running among a number of qrp rigs, a little ICM OX oscillator tied to an end fed wire which ran from his second floor window in the rooming house where he lived in Santa Barbara (1972), the wire was a basic single wire loop and he did quite well with it. Still took me a few years to get rid of the ampd and join up but sure worth it. Thanks Ade for helping bring some of the old memories back. Oh - I think Art's last name was Child. Was featured in a little r writeup in 73 Magazine at the time.

--

Ray Colbert, W5XE
OOTC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Sat, 8 Aug 1998 21:37:49 EDT
From: RangerSF5@aol.com
To: qrp-1@Lehigh.EDU
Cc: w5yr@swbell.net
Subject: [17168] Antenna coil size
Message-ID: <2beff9a9.35ccfd6e@aol.com>
Mime-Version: 1.0
Content-type: multipart/mixed;
boundary="part0_902626669_boundary"

This is a multi-part message in MIME format.

--part0_902626669_boundary
Content-ID: <0_902626669@inet_out.mail.aol.com.1>
Content-type: text/plain; charset=US-ASCII

George,
I just received your bounced mail
Ok, the coils are two and one half inches long. NOT 2 AND ONE HALF FEET.
Two and a half feet long coils would give new meaning to a portable antenna.
BTW switching back and forth between both antennas, I noticed no difference on
the *S* meter on the qro rig.
I bagged several contesters with 1 watt but as you all know on contest days
almost everyone gives a 599.
It hears VERY well so I'll assume that it's equal to the full half wave
dipole.
One more thing, The antenna was strung up between two trees only as high as I
was able to reach, Appx 8 feet above the ground so it gets good points from
me.
GL
Bob
WA2HQQ

--part0_902626669_boundary
Content-ID: <0_902626669@inet_out.mail.aol.com.2>

Content-type: message/rfc822
Content-transfer-encoding: 7bit
Content-disposition: inline

Return-Path: <>

Received: from rly-zb05.mx.aol.com (rly-zb05.mail.aol.com [172.31.41.5]) by
air-zb04.mail.aol.com (v47.2) with SMTP; Sat, 08 Aug 1998 19:28:42
-0400

Received: from imo15.mx.aol.com (imo15.mx.aol.com [198.81.17.5])
by rly-zb05.mx.aol.com (8.8.8/8.8.5/AOL-4.0.0)
with ESMTP id TAA18113 for <RangerSF5@aol.com>;
Sat, 8 Aug 1998 19:28:41 -0400 (EDT)

Received: from localhost (localhost)
by imo15.mx.aol.com (8.8.8/8.7.3/AOL-2.0.0)
with internal id TAA12056;
Sat, 8 Aug 1998 19:28:41 -0400 (EDT)

Date: Sat, 8 Aug 1998 19:28:41 -0400 (EDT)

From: Mail Delivery Subsystem <MAILER-DAEMON@aol.com>

Subject: Returned mail: User unknown

Message-Id: <199808082328.TAA12056@imo15.mx.aol.com>

To: RangerSF5@aol.com

Auto-Submitted: auto-generated (failure)

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

The original message was received at Sat, 8 Aug 1998 19:27:34 -0400 (EDT)
from root@localhost

----- The following addresses had permanent fatal errors -----
qrp-@lehigh.edu

----- Transcript of session follows -----
... while talking to nss4.cc.lehigh.edu.:
>>> RCPT To:<qrp-@lehigh.edu>
<<< 550 <qrp-@lehigh.edu>... User unknown
550 qrp-@lehigh.edu... User unknown

----- Original message follows -----

Received: from RangerSF5@aol.com
by imo15.mx.aol.com (IM0v14_b1.1) id 2GPTa20768;
Sat, 8 Aug 1998 19:27:34 -0400 (EDT)
From: <RangerSF5@aol.com>
Return-path: <RangerSF5@aol.com>
Message-ID: <7a122a3f.35ccdee8@aol.com>
Date: Sat, 8 Aug 1998 19:27:34 EDT
To: w5yr@swbell.net

Cc: qrp-@lehigh.edu
Mime-Version: 1.0
Subject: Re:\can't send for 4 hours to w5yr@swbell.net
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
X-Mailer: AOL 3.0 16-bit for Windows sub 38

In a message dated 98-08-08 12:07:32 EDT, you write:

<< Subj: Re: Sorry but.....
Date: 98-08-08 12:07:32 EDT
From: w5yr@swbell.net (George T. Baker)
Reply-to: w5yr@swbell.net
To: RangerSF5@aol.com
CC: qrp-1@Lehigh.EDU (Low Power Amateur Radio Discussion)
>>

George,
I just received your bounced mail
Ok, the coils are two and one half inches long. NOT 2 AND ONE HALF FEET.
Two and a half feet long coils would give new meaning to a portable antenna.
BTW switching back and forth between both antennas, I noticed no difference on
the *S* meter on the qro rig.
I bagged several testers with 1 watt but as you all know on contest days
almost everyone gives a 599.
It hears VERY well so I'll assume that it's equal to the full half wave
dipole.
One more thing, The antenna was strung up between two trees only as high as I
was able to reach, Appx 8 feet above the ground so it gets good points from me.
GL
Bob
WA2HOQ

--part0_902626669_boundary--

Date: Sat, 8 Aug 1998 20:54:08 -0500
From: "Walter Dufrain" <walter@inlink.com>
To: <dave@cds1.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [17169] Re: Inverting loop attach points....
Message-ID: <199808090156.UAA14586@thor.inlink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Dave and all, well I have very little experience with fan dipoles,

but we are not talking the same type of antennas, here. The loop is a closed system, vs the dipole with multiple, various length wires which is a balanced open system.

I think the antenna gurus need to join into this thread for this one.

My thought is that a flip of the feed points on the fan dipole would not help, maybe make things a little worse by having the crossing of the elements in so close a space, and right at the high current point. To me a fan dipole on HF usually only covers a single band. A true multi-band dipole (9 bands) on one coax would have lots of reaction with each other when trying to tune them up to a tuned system. I would prefer having an 80 meter dipole fed with 450 ohm ladder line and connect to a tuner for use on all the HF bands.

Not sure I have been of any assistance, and maybe some other folks can join in the thread and help out. Thanks for asking the question, it is interesting and I shall one day give it a try.

72/73 Walter Dufrain, AG5P Wright City, Missouri

-----<<snipped>>

> From: Dave Willey
> Subject: Inverting loop attach points....
> OK now, you guys got me thinking. Could "flipping" the feed point
> on a fan dipole (dipole w/ several wire elements cut so it covers
> more than one band), help to keep the unused elements from reacting
> to the desired element?

Date: Sat, 8 Aug 1998 21:57:14 EDT
From: RangerSF5@aol.com
To: forsale-swap@qth.net, qrp-1@Lehigh.EDU
Subject: [17170] Items for sale
Message-ID: <15815ffc.35cd01fb@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Some are not ham related but IS communications gear (in a way)
I have a Bag phone with the bag no battery, MINT condition.
Also a new never used never activated 5 year old cell phone, with stand up charger.
Ramsey 20 watt amp for 40 meters
Would like to sell or swap for qrp rigs. (or rig)

Both cell phones are 100% mint and work
The amp was built by me and I consider my workmanship excellent.
Also have an Yaesu HT no duck, rubber pad for ptt switch is missing but I covered it with a hard piece of rubber since I always used it with a RS speaker mic.
Makes snap, pop and crackle sounds on 5 watt mode, battery pack is dead but works fine on low power with external power.
.Good for parts or maybe you can find the bug.
Has tone scan, encode, decode and all the other stuff I always felt I had to have but never used, pageing etc. FREE, PLUS SHIPPING
Bob
WA2HOQ

Date: Sat, 8 Aug 1998 21:18:22 -0500
From: applitech@mcg.net (Claton Cadmus)
To: <mccormac@ma.ultranet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [17171] Re: Making a 'Cootie' Key
Message-ID: <018d01bdc33c\$134cdb60\$a10a5e2c@groucho>

Check out QST Nov. 1980 page 32, "Zero-Cost Key".

Hope that helps.

73 de KA0GKC Claton Cadmus
cla@mcg.net
Minnesota QRP'ers we're looking for you!
Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Sat, 08 Aug 1998 21:57:28
From: Roger Braker <msebrakr@telepath.com>
To: qrp-1@Lehigh.EDU
Subject: [17172] spell checkers
Message-ID: <3.0.1.16.19980808215728.22ff9762@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys,
I need a spell checker for Eudora Light. I did a web search but didn't find anything. I also looked at eudoras plugin page and nothing. If you

all could give me some help I'd appreciate it. This is QRP because you guys will be less distracted by clean messages and can concentrate on QRP:-) Thanks for any help.

73,
Arnold kd5ckh

Date: Sat, 8 Aug 1998 21:10:50 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [17173] Re: QRPTTF theme?
Message-ID: <Pine.SOL.3.91.980808202340.19430A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Rich and others,
After a rather lively debate about the theme for next years QRP To The Field (TTF) contest, it was pretty well agreed to just "leave it alone." However, while the exact details and logistics have not been fully worked out yet, we do want to incorporate a multiplier for those who do wish to go /mm (maritime mobile) or operate from the shores of a significant body of water ... probably allowing the same credit as if operating from a two-state border.

Doug Hendricks and myself probably received the most email regarding the QRP TTF theme, and the vast majority of it supported the theme. We were expecting maybe 6-8 stations to actually travel to a state border for the extra "to the field" credit, and it turned out to be about two dozen. In fact, Joe AB7TT, was remarking how he didn't know there were so many "3-corners" until he started processing the logs. I didn't either until I started working them. In addition to a great "on the air" theme, it encouraged many QRPers to get together and enjoy eachothers fellowship, which is alot of what QRP is all about. And the reports on QRP-L certainly echoed how much fun they had getting stuck trying to get to the border, the hail storm they endured, the other adventures of the campout, etc. (Or in our case, almost getting hauled off by BOTH border patrols at the Mexican border!)

Here's the advantages of the "to the border" theme as I recall from the conversation:

1. Scoring was serendipitous ... that is, until you worked a station, you didn't know if it was one state, or two, or three (or four).

This gives most participants a real chance at scoring big and even placing in the contest ... regardless of your skill or CW speed.

2. For those who do make the effort to travel to a state border, they are rewarded with even more multiplier points, for which obviously many took advantage of and willing to do it again.
3. This is a TO THE FIELD contest ... that is, specifically to encourage operating from the field, modeled after the NE QRP Afield contest. Not from home ... but from the field. Yet every year, the big scorers tend to be those who sit at home with their 100 ft. towers and 4-element beams and still win the contest inspite of a 2-to-1 scoring disadvantage, while those who operate true to the contest are dealing with run-down batteries, a wet noodle antenna, often operating in the rain. The QRP TTF gives those who go to the field a 4-to-1 or more advantage over those who stay at home, giving those who put in the real effort the reward.
4. There were VERY few "at home" entries, proving the above to be true. It fostered a bunch of fun for those who went to the field.

DISCLAIMER: Before getting flamed for the above ... I do NOT care how people enjoy QRP ... whether from a NC40 and wire antenna, or an IC-706 cranked down using the 7MHz curtain array at the Voice of America. I really don't. BUT ... if the theme of the contest is to operate from the field, then those who do so should be properly rewarded.

Let's be honest ... for many of us, contests like QRP TTF is just a good excuse to get on the air, get out of town and spend some time with our friends, and for those who do that, we have a blast. So QRP TTF will always be to promote all of these activities.

We also had several DX entries this year, and as the bands improve, we can expect more of our foreign friends to join in. So next year, there will also likely be a "2-state" advantage given to DX participants (yes, including VE, eh?) as well as for /MM. Exactly what constitutes a body of water to be considered /MM for the purposes of the contest has yet to be determined. For those of you who operate /MM from inland lakes, I would be interested in your criteria by private email to me, KI6DS or AB7TT.

For those with the 100-ft towers and 4-element beams, you'll have your chance on Halloween for the ZOMBIE SHUFFLE (since Zombies don't SPRINT!).

72, Paul NA5N

Charter member, Ft. Tuthill campfire and beer tasting event

Date: Sat, 08 Aug 1998 20:30:48
From: "M. Monninger" <markem@primenet.com>
To: pharden@aoc.nrao.edu, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [17174] Re: QRPTTF theme?
Message-ID: <3.0.5.32.19980808203048.009c5cc0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:10 PM 8/8/98 -0600, Paul Harden wrote:

> ...

> Charter member, Ft. Tuthill campfire and beer tasting event

>

So that's what you guys were doing until the wee hours over by Roger's trailer. No one told me about the beer or I'da been there too. OTOH it's probably just as well...we had to leave early on Sunday for our week at the North Rim (it was really nice up there, BTW). I'll remember that next year, tho. I'll even bring some beer.

73... Mark AA7TA

Date: Sat, 8 Aug 1998 20:38:43 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-l@Lehigh.EDU
Subject: [17175] Frequency Counter Kits?
Message-ID: <Pine.LNX.3.96.980808203505.32611A-1000000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am going to build a frequency counter here at the house. They're fairly easy to build, and usually rather inexpensive. I was planning on making a basic, 100MHz frequency counter with TTL BNC input. Termination would be external to the frequency counter (easy to do with a BNC tee and 50-ohm Ethernet terminator).

What I was wondering is if anyone would be interested in me turning it into a kit? If I do make it into a kit, I'd also include the BNC tee and 50-ohm terminator too.

What do you folks think?

=====

KC5TJA/6 | -| TEAM DOLPHIN |-
DM13 | Samuel A. Falvo II
QRP-L #1447 | <http://www.dolphin.openprojects.net>

Date: Sat, 8 Aug 1998 21:50:52 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: "M. Monninger" <markem@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [17176] Re: QRPTTF theme?
Message-ID: <Pine.SOL.3.91.980808214811.19430F-1000000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 8 Aug 1998, M. Monninger wrote:
> > Charter member, Ft. Tuthill campfire and beer tasting event
> >
> So that's what you guys were doing until the wee hours over by Roger's
> trailer. No one told me about the beer or I'da been there too.
>
> 73... Mark AA7TA

Shucks, another one of those FREUDIAN SLIPS snuck through :-)

72, Paul NA5N

Date: Sun, 9 Aug 1998 00:06:43 -0400 (EDT)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: KC5TJA <kc5tja@topaz.axisinternet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [17177] Re: Frequency Counter Kits?
Message-ID: <Pine.LNX.3.96.980809000351.22001B-1000000@ox.slug.louisville.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 8 Aug 1998, KC5TJA wrote:

> I am going to build a frequency counter here at the house. They're fairly
> easy to build, and usually rather inexpensive. I was planning on making a
> basic, 100MHz frequency counter with TTL BNC input. Termination would be

> external to the frequency counter (easy to do with a BNC tee and 50-ohm
> Ethernet terminator).
>
> What I was wondering is if anyone would be interested in me turning it
> into a kit? If I do make it into a kit, I'd also include the BNC tee and
> 50-ohm terminator too.
>
> What do you folks think?

I, for one, would be **extremely** interested, especially if it can be done
as cheaply or cheaper than the **very** few kits I've seen available for a
frequency counter. How much, offhand, were you thinking of charging (so I
can start saving)?

(Yes, I KNOW you can buy frequency counters for \$150 or so new, cheaper at
hamfests--but I like building my own when I can. :) It would also be a
very useful addition to the test equipment.)

If you can't get enough folks interested, I'd still be interested in the
PC board layout, parts list and schematics. Just FWIW.

-pb

Date: Sat, 8 Aug 1998 23:28:56 -0500
From: "C.D. Rakes" <cdrakes@ipa.net>
To: <qrp-l@Lehigh.EDU>
Subject: [17178] FS
Message-ID: <199808090419.XAA18665@ns3.ipa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

As new S&S TAC-1 80meter QRP cw transceiver with built-in keyer, shipped
\$155. Tx Charles KI5AZ

Date: Sun, 09 Aug 1998 00:04:33 -0500
From: Dave Sjolin <sjolin@swbell.net>
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>
Subject: [17179] QRP items for Sale - N0IT
Message-ID: <35CD2DE1.F32DAFE7@swbell.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If anyone has been trying to get me today, I am very sorry. It seems whenever I post any items for sale, my ISP's email server goes down. Was down for at least 14 hours. So much for SWBELL.

Anyway, the following gear is still available. If it is NOT listed, it is spoken for.

1. Unassembled Wilderness Radio Norcal 40a (version B) 2 watt 40 meter transceiver. \$115 plus shipping.
2. MFJ 416 CW adaptor for MFJ 9406X (new in box) \$20 plus shipping.
3. Icom IC-24AT Multi-band HT. Icom BC-80 deskcharger. Several battery packs. UT-50 tone squelch. \$275 plus shipping.
4. ARRL Handbooks (hardcover and soft) Numerous years. A little late for Elmer 101 but if you still need (and who doesnt), let me know I will tell you which years I have left.

Thanks for reading. If interested, please contact me by email.
73 de Dave, N0IT

Date: Sun, 9 Aug 1998 01:30:17 EDT
From: DYARNES@aol.com
To: qrp-1@Lehigh.EDU
Subject: [17180] Re: late BB report/portable mast
Message-ID: <7bb5b9f5.35cd33ea@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi All,

I have a late report too. I left the Ft. Tuthill hamfest at about 9 a.m. Sunday and headed for Bumble Bee, AZ. Got there a bit late, but just couldn't tear myself away from the 7,000 ft. and pine trees around Flagstaff! Great hamfest, as you all have heard.

Anyway, Murphy's law was in full force. I forgot my power pack! However, since I was running my Sierra, thought I would try it with a bunch of AA cells. The third contact informed me that I had a bad chirp. Try as I might,

I couldn't seem to whip it. I think (hope) it was just the AA's and not the radio. That's the bad news--only 3 contacts.

The good news is that one of my 3 contacts was AL7FS! (BTW, he also sent me an e-mail later confirming my chirp problem).

The thing that really ticks me off, is that I think every year but this one I have found some good buys on small 6 and 7 ah gel cells. Of all the years not to have one of those in the goodie bag!

Great event. Just wish it wasn't on Ft. Tuthill weekend each year.

72 de Dave W7AQK

Date: Sat, 8 Aug 1998 22:35:25 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: qrp-l@Lehigh.EDU
Subject: [17181] 74(L)S192 Availability
Message-ID: <Pine.LNX.3.96.980808223154.9066A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone know of where I can find a 74LS192 or 74S192 chip source? Something that can handle faster than 4MHz? I looked at Texas Instruments, Fairchild, and Digikey, but either the chip doesn't exist, or they are *VERY* low speed CMOS versions (74C192). According to TI, in their older databook, their '192 could handle up to 35MHz. I'd like to find something comparable.

Thanks.

=====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Samuel A. Falvo II
QRP-L #1447		http://www.dolphin.openprojects.net

Date: Sun, 9 Aug 1998 02:16:51 EDT
From: RABRUNER@aol.com
To: mwattcpa@earthlink.net, qrp-l@Lehigh.EDU
Subject: [17182] Re: Quotation Verbosity Monitor Report
Message-ID: <85ad2d08.35cd3ed5@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I don't think the practice which is under criticism is the quoting of a line or two or three or four to orient a reader on the focus on one's comments. In fact these SHORT quotes can be very useful in a complex discussion in clarifying what part of topic one is addressing. The practice that is being criticised, and justifiably so, IMHO, is that of quoting entire messages, especially when the respondent includes the complete address block, all the internet routing information -- which is frequently longer than the message itself -- and those painful signature blocks which evidently attempt to draw some kind of cartoon, or present info in columns, which never seem to get through uncorrupted. It is hard for me to conceive of how one is helped in understanding a topic, f'instance, by the information that the original message was filed at 1846EDT or that it was routed through the Kickapoo computer at Sockawannapotamee University at 1852EDT, etc. The same can be said for ASCII drawings of hamshacks with towers, and cute little dogs. These are not especially helpful or informative in original messages and certainly don't need to be retransmitted in a quote.

When a follow-on writer takes a message which was constructed according to the sin described above and includes all of that in his message so there are now two superfluous address blocks, twice as much extra text that isn't needed to merely understand the point, and two sets of routing headers, following the meaning is not enhanced, but is hindered as one tries to scan through all this garbage trying to find the actual content in all the superfluous material. Then when the THIRD guy does this and you have six pages of internet gibberish and six lines of useful communication, I think it is possible to say, justifiably, that the message has been lost in the medium. This is certainly true when you talk about the digest. I quit taking the digest in part because of this practice. People who defend 100% quoting should scan through a digest where you find the same text over and over again in amongst the headers. I would just give up and delete the whole thing, because there is no way you can "filter" this stuff out of a digest, and you have no way of knowing if there is anything in the whole days output you are interested in, and the struggle through all the requotes isn't worth the price. In the non digest mode, I can visually scan down the line of subjects and delete the WTB's and FS's and emotional topics about licensing and CW, hamfest announcements from a thousand miles away, additions to websites, and anything else I know from experience I am not interested in. But with the digest you are stuck plowing through all that stuff, and it is painful at times.

I think mass quoting is not part of thoughtful communication, but rather just the opposite, it is engaged in by people who don't take the time to read and digest what someone else has written, and rather just punch an icon and start blazing away. A related practice is forwarding to the list things that are from other lists that were forwarded from this list in the first place, or which are easily available to anyone interested in the material. A short two or three line announcement would do.

A reasonable amount of material in a quote can be helpful, but mass repeating everything that has ever been written on the topic out of laziness is unnecessary and frustrates communication rather than enhancing it.

FWIW,
73's Bob Bruner
WB4TAJ/9

Date: Sun, 9 Aug 1998 02:25:04 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [17183] Re: Millen GDO 90651
Message-ID: <Pine.BSI.3.96.980809011930.23725B-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bill

I don't have the exact GDO information which you asked about in your post.

However, I was able to find the Picture and Model # on page 14 of the Catalog section of the 1957 ARRL Handbook. If memory serves correctly your GDO uses a 955 Type Acorn Tube for the Oscillator.

The Photo shows a two prong Coil, with spacing that looks like it might match an FT243 Crystal. If so, you can take the innards out of the Crystal and use the holder as your coil form. You might want to insert the Crystal holder inside the center of a piece of PVC or CPVC pipe for your form. You can hold them together with Epoxy, Pipe Cement, Super glue or Hot Glue. Pill Bottles from the Drug Store also work nicely.

I can't seem to find either of my GDO's right now or I could give you the details of the Coils.

In any case here is the information for the Coils for the Home Brew GDO which appears in the 1957 ARRL Handbook Pages 505-507.
It uses a 6C4 Triode in a Grounded Plate Hartley Oscillator Circuit.
L1 is tapped, with the tap going to the Cathode and the top of the coil to the Grid and the bottom is grounded.

Coil Data

1.59-3.5 Mc. 139 Turns, #32 Enameled, 3/4" Dia form, Close-wound, Tap 32T
3.45-7.8 Mc. 40 Turns, #32 Enameled, 3/4" Dia form, Close-Wound, Tap 12T
7.55-17.5 Mc. 40 Turns, #24 Tinned, 1/2" (B&W Miniductor) 32TPI , Tap 14T

17.2-40 Mc. 15 Turns, #20 Tinned 1/2" (B&W Miniductor) 16TPI , Tap 5T
37-85 Mc. 4 Turns, #20 Tinned 1/2" (B&W Miniductor) 16TPI, Tap 1-1/3T
78-160 Mc. Hairpin of #14 wir, 3/8" spacing 2" long including form pins.
Tapped 1-1/2 in from Ground End.
All Taps are number of turns from ground end of coil.
Coil forms Amphenol 24-5H 3/4" Dia.

If you locate a copy of the manual or other information, I would appreciate a copy to add to the reference Library.

Please feel free to contact me direct if I can be of further assistance.

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Sun, 9 Aug 1998 02:50:54 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [17184] Toroid Tips
Message-ID: <Pine.BSI.3.96.980809023857.23725D-1000000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The Handy Toroid Winding Charts and Tips by Mike Czuhajewski WA8MCQ appeared in the October 1992 Issue of the QRP Quarterly Journal on pages 9-11. You might try checking in the QRP-L Archives for a copy of the information. Mike may have a file handy that he can send to you if you ask. <wa8mcq@abs.net> If not we might be able to copy the pages and send them to you.

Doug DeMaw, W1FB (sk) also had a handy tip for determining the amount of wire needed for a given coil. Simply wind a single turn on the selected core, measure the wire and multiply by the number of turns needed and add about three inches for the ends and you should be close enough for government work.

Mikes Charts are very handy if you know the value of inductance needed and

want to pick a core. Especially handy if converting from something in the book to something that you have on hand.

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net

Date: Sun, 9 Aug 1998 02:56:37 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [17185] Re:Change of Addres
Message-ID: <Pine.BSI.3.96.980809025330.23725F-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Change of Address information for QRP ARCI Quarterly Journal Subscriptions must go to Dave Johnson, WA4NID at 2522 Alpine Road, Durham, NC 27707 <wa4nid@amsat.org> Be sure to include your QRP # and Old & New Callsign.

Change of Address Information for NorCal QRP Club, and Subscription to QRPp, should go to Jim Cates, 3241 Eastwood Road, Sacramento, CA 95821. Alternately, you may contact Doug Hendricks, KI6DS at <ki6ds@dpol.k12.ca.us>

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net

Date: Sun, 09 Aug 1998 04:04:46
From: "Gary M. - W2UX" <MAIL4GARY@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [17186] TenTec PM3A Sale
Message-ID: <3.0.5.16.19980809040446.3e8786b6@postoffice.worldnet.att.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Found this on a Swap Site....

Ten Tec PM3A QRP (collectors Item)
QRP transceiver - 20 & 40 meter (full band) Rated at 5 W. input Very
good condition. Previous
owner added mini headphone jack on front & some small scratches)
Asking \$150(US) plus
shipping ve5kc@qsl.net. (SK) Posted 08-05-98

Good luck.....

=====
72/73
Gary - W2UX
Lexington, SC
CW is the REAL Thing!!
Use it or Lose it.
=====

Date: Sun, 9 Aug 1998 01:24:54 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <msebrakr@telepath.com>
Cc: <qrp-l@Lehigh.EDU>
Subject: [17187] Re: spell checkers
Message-ID: <003901bdc36f\$30f52400\$1b4ffbce@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<http://www.willapabay.org/~bill>
ICQ me @ 8926298

-----Original Message-----

From: Roger Braker <msebrakr@telepath.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Saturday, August 08, 1998 8:03 PM
Subject: spell checkers

>Hi Guys,
>I need a spell checker for Eudora Light

Hi Arnold -

I do not believe the Eudora Light comes with a spell checker. This is because the creator of Eudora wants its users to BUY the upgrade Eudora software, which includes the spellcheck feature.
It's all about marketing...

CUL, Bill-N7MFB

Date: Sun, 09 Aug 1998 06:52:26 -0400
From: "Jerry W. O'Dell" <jwodell@ameritech.net>
To: qrp-1@Lehigh.EDU
Subject: [17188] bandwidth arrugh
Message-ID: <19980809114937.FFVH5145@[199.179.189.87]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Enough bandwidth about bandwidth. Ye gods.

Short enough! Jerry W8GND

Date: Sat, 8 Aug 1998 13:31:01 -0600
From: w0yse@juno.com (Neil Klagge)
To: qrp-1@Lehigh.EDU
Subject: [17189] Quotation Verbosity Monitor Report
Message-ID: <19980809.055705.9142.0.w0yse@juno.com>

I agree with Bill!!!! See below if you dont know what I mean. (and I'll delete those extra JUNO tag lines from now on)

72's
Neil, w0yse since '54
now from Layton, Utah
ARCI, NORCAL, CQC

----- Begin forwarded message -----
From: n2tpa@juno.com (Bill d Lazure)

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: Quotation Verbosity Monitor Report
Date: Fri, 7 Aug 1998 20:31:43 -0400
Message-ID: <19980807.205354.7686.0.N2TPA@juno.com>

Fellow QRPers,

If I may place a vote FOR wasting bandwidth. When someone references a message in there reply, I find it handy to have that original message quoted. My memory was the SECOND thing to go in my years (I won't EVEN go into the first!!!!). If I can't remember the original message, the reply be comes quite meaningless. Although It eats bandwidth, quoting the original message adds much more meaning to the reply.

N2TPA
Bill Lazure
Syracuse, NY

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 9 Aug 1998 09:20:30 EDT
From: Bensondj@aol.com
To: qrp-1@Lehigh.EDU, bmug@gwl.com
Subject: [17190] MV1662 diodes
Message-ID: <7e3317fd.35cda220@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

on Sat, 08 Aug 1998 "Jim Kortge, K8IQY
<jokortge@mci2000.com> wrote:

<snip>

>> Diodes D7 - D9 (MVAM109 & MV2115) are not listed in either catalog.
Unfortunately, Motorola varicaps are not available from either
source. I got mine from Allied. Maybe Dave Benson could share
his source for varicaps. He uses a MV 1662 in the SWXX+ rigs.

The MV1662s are available from Hosfelt Electronics (800-524-6464) or Marlin

Jones Assoc. (800-652-6733). :-)

72- Dave-NN1G

Date: Sun, 09 Aug 1998 09:26:03 EDT
From: w4bws@juno.com (Donald E Sanders)
To: nilsbull@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [17191] Re: Did I really do this? Or: Where'd these cards come from?
Message-ID: <19980809.082622.5151.0.W4BWS@juno.com>

Nils, your loss of memory must from too much aluminum from stroking too many chassis. Or maybe you made those contacts after too many glasses of nordic vodka. Good- will hunting for the log books.

Donald E. Sanders W4BWS

694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937

407-779-0222 Fax 407-779-0830

E-mail to w4bws@juno.com

My favorite QRP rig glows in the dark

Date: Sun, 09 Aug 1998 13:39:24 GMT
From: nhoop@centuryinter.net (Nat H)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [17192] Car Battery in house?
Message-ID: <35d2a54d.6881650@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Can anyone steer to straight dope on the safety of using a trickle-charged car battery in my house? I've seen so many conflicting stories on this. Do the "sealed" ones give off Hydrogen and drool acid or not?

Tnx,

73 Nat KM5QU
Oxford AR

Date: Sun, 09 Aug 1998 09:46:02 EDT
From: w4pj@w4bkkx.ampr.org
To: qrp-1@Lehigh.EDU
Subject: [17193] Re: Inverting loop Attach Points
Message-ID: <16666@w4bkkx.ampr.org>

It may be of some interest to multi-loop element users to check out the Tri-Gamma Matching System featured in Orr/Cowan's "ALL ABOUT CUBICAL QUAD ANTENNAS". In this configuration, a single 52 ohm coaxial transmission line is used to feed three loops for 10/15/20 Meters multi-element Quad beam antenna. I see no reason that a similar feed system cannot be used to feed a 3-band single element (per band) loop antenna.

To summarize the feed system: A single 52 ohm coax is attached to the feed-point of the (mid-frequency) 15M loop. A short section of open wire transmission line runs between the center points of the three driven loops. One wire of the open-wire transmission line connects the center points of the loops to each other and to the shield of the coax. The other wire of the open-wire transmission line connects to the termination points of the individual gamma-matches for each loop. There is a stub and reactance capacitor connected to the 20m loop used to counteract the effects of detuning introduced by the multiple gammas.

I suggest anyone using loops and/or quads antennas get a copy of this book!
BTW the open-wire line is *NOT* inverted in this configuration.

GL es DX de W4PJ / Scott #1585 (Happy Quad user till Hurricane Andrew)
----- 73 -----

Date: Sun, 9 Aug 1998 09:41:45 -0500
From: "Terry Bassett" <mutabut@net66.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [17194] tnx for responses
Message-ID: <002801bdc3a3\$d6c59340\$98538bce@host.net66.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All,

I have gotten many thoughtful and well reasoned responses to my query

about boosting the power on my WM-20 SSB radio. Thanks to all, now I have many things to check and to consider. The solution is out there...

What a group of folks, I hope this is how Hams will always be...

72

Terry KA9TXE Tuscola, Illinois

Date: Sun, 9 Aug 1998 08:51:15 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: KC5TJA <kc5tja@topaz.axisinternet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [17195] Re: Frequency Counter Kits?
Message-ID: <Pine.SOL.3.91.980809085024.6485B-100000@gpfn1.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I could use a freq counter....course it depends on whether or not we still have a Canadian dollar left when the time comes to purchase....HI HI....72 - Bruce(VE5RC+VE5QRP)

Date: Sun, 09 Aug 1998 11:05:23 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: kc5tja@topaz.axisinternet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [17196] Re: Frequency Counter Kits?
Message-ID: <35CDC8C3.75B1B541@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sam, most of the counters available today go up to 1300 MHz or higher at very reasonable prices. I would think that any useful kit would have to cover at least the 2-meter band if not also 450. Counter chips and conditioning pre-amps have no trouble covering these frequencies and much higher. Maybe I misread your posting, which I cannot quote for obvious reasons. . . guess the sig file is the next to go.

72/73, George didit dit
Amateur Radio W5YR, 52 years and counting!
QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403 ICQ #16819496

AutoPOWER Systems, Fairview, TX (30 Mi. NE of Dallas)

Date: Sun, 09 Aug 1998 09:47:47 -0700
From: "KWM" <martins@ccosmo.net>
To: qrp-1@Lehigh.EDU
Subject: [17197] FS or Trade: Hamtronics Receiving Converter
Message-ID: <199808090947470600.084BF7A9@cosmoaccess.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Group:

I would like to sell or trade my Hamtronics CA144-28W (2 meters to 10= meters) receiving converter. It was factory built and is in mint= condition. In box with original manual. Would like \$75.00 or trade for a= qrp rig.

Thanks,

Keith
KA6ASJ

Date: Sun, 9 Aug 1998 13:34:08 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [17198] RE: Car Battery in house?
Message-ID: <000601bdc3bb\$e9e15000\$c7241ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Can anyone steer to straight dope on the safety of using a trickle-charged
> car battery in my house? I've seen so many conflicting stories on this. Do
> the "sealed" ones give off Hydrogen and drool acid or not?

Only specially designed ones don't make fumes.

I've always put the batteries in a box outside the shack with oversized wires coming in. A time or two I had them in the shack, but I built a

ventilation system for them. The last one was built in a 4x2x4 box that had a muffin fan blowing out of a vent in the wall. This setup was gave me the best feelings about the fumes.

I understand they can be explosive,ain some cases. Ive seen them blow up in cars, it'd be a real bumner to have one of those come apart in the shack!!!

Tracy N4LGH
QRP-L #1453

Date: Sun, 9 Aug 1998 12:24:17 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [17199] 6 meter QRP CW activity today.
Message-ID: <199808091724.MAA04850@dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

6 Meter QRPers,

I have been working 6 meters all morning from SW Missouri (EM36). All QSOs are CW, running 5 watts into a MFJ 3 element beam on the chimney. Most were made by calling CQ on 50.093. States worked are DEL, NJ, LI, VA, PA, AZ, CT, MA, and MO. Signal reports range from 539 to 20 over s9. It's nice to see the CW activity on six. Hope to work some of you on the band.

Kelly Ellison
WB0WQS
Aurora, Missoui
QRP-L #702

Date: Sun, 9 Aug 1998 10:30:46 -0700 (PDT)
From: herr@ridgecrest.ca.us (Michael Herr)
To: qrp-l@Lehigh.EDU
Subject: [17200] News from AC6UV
Message-ID: <v01530501b1f32a7c57de@[208.138.142.103]>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Just chatted with Gody, AC6UV on the Pacific Crest Trail. Due to snow, ice, 1000 foot drops, no crampons nor ice pick, Gody is giving it up for the year. Sam, KF6ML is on his way to pick him up. This year too much snow, next year will be too little water! Don't ya just love this weather!

72

Mike WA6ARA

Date: Sun, 09 Aug 1998 13:43:59 -0400
From: "Hugo W. Catta" <hugo@banet.net>
To: k3tks@u1.abs.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [17201] Re: Millen GDO 90651
Message-ID: <35CDDFDE.5FEF9C01@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George Gingell wrote:

> Bill
>
> I don't have the exact GDO information which you asked about in your post.
>
> However, I was able to find the Picture and Model # on page 14 of the
> Catalog section of the 1957 ARRL Handbook. If memory serves correctly
> your GDO uses a 955 Type Acorn Tube for the Oscillator.
>
> The Photo shows a two prong Coil, with spacing that looks like it might
> match an FT243 Crystal. If so, you can take the innards out of the Crystal
> and use the holder as your coil form. You might want to insert the Crystal
> holder inside the center of a piece of PVC or CPVC pipe for your form.
> You can hold them together with Epoxy, Pipe Cement, Super glue or Hot
> Glue. Pill Bottles from the Drug Store also work nicely.
>

In my homemade GDO (Very similar to the 1984's ARRL Hanbook), I used old tube sockets with PVC pipes glued inside. You can use the octal bases. Just clip off the unused pins and the center guide; there are two that match the FT-243 separation and thickness, and mechanically are very strong. Besides, you

always grab the coil from the base. In my case, 13 years and still going...
Now if the 955 tube is gone, a mod using a 6C4 triode in the same circuit,
alas with no tap in the coils, could bring the GDO back to life, (just an idea
don't go for it before giving a deeper thought to it).

72,
Hugo

> I can't seem to find either of my GDO's right now or I could give you the
> details of the Coils.
>
> In any case here is the information for the Coils for the Home Brew GDO
> which appears in the 1957 ARRL Handbook Pages 505-507.
> It uses a 6C4 Triode in a Grounded Plate Hartley Oscillator Circuit.
> L1 is tapped, with the tap going to the Cathode and the top of the coil to
> the Grid and the bottom is grounded.
>
> Coil Data
>
> 1.59-3.5 Mc. 139 Turns, #32 Enameled, 3/4" Dia form, Close-wound, Tap 32T
> 3.45-7.8 Mc. 40 Turns, #32 Enameled, 3/4" Dia form, Close-Wound, Tap 12T
> 7.55-17.5 Mc. 40 Turns, #24 Tinned, 1/2" (B&W Miniductor) 32TPI , Tap 14T
> 17.2-40 Mc. 15 Turns, #20 Tinned 1/2" (B&W Miniductor) 16TPI , Tap 5T
> 37-85 Mc. 4 Turns, #20 Tinned 1/2" (B&W Miniductor) 16TPI, Tap 1-1/3T
> 78-160 Mc. Hairpin of #14 wir, 3/8" spacing 2" long including form pins.
> Tapped 1-1/2 in from Ground End.
> All Taps are number of turns from ground end of coil.
> Coil forms Amphenol 24-5H 3/4" Dia.
>
> If you locate a copy of the manual or other information, I would
> appreciate a copy to add to the reference Library.
>
> Please feel free to contact me direct if I can be of further assistance.
>
> Sir George, The First :^)
>
> 72 ES
> QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
> QRP A.R.C.I. Net Manager and Board of Director Member.
> George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
> Maryland Milliwatt Club QRP Reference Library, (301)572-6789
> Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
> Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Sun, 9 Aug 1998 12:56:35 -0500
From: nilsbull@juno.com (Nils R Young)
To: QRP-L@Lehigh.EDU
Subject: [17202] The ARK30 is sold
Message-ID: <19980809.125643.6702.1.nilsbull@juno.com>

Again, the subject line says it all.

The ARK30 is sold.

The chickens have left the basement. The cats are bowling with the turtles. The ice cream is melting in the hallway. The fish are singing in Uyghur. Some kind of coded stuff. (Oscar diez, nueve, cinco charlie . . . Oscar diez, nueve, cinco charlie . . . Oscar diez, nueve, cinco charlie . . . Oscar diez, nueve, cinco charlie . . . Oscar diez, nueve, cinco charlie . . . Oscar diez, nueve, cinco charlie . . . Oscar diez, nueve, cinco charlie . . .)

Thanks gang. Now back to your regular reading . . . Oscar diez, nueve, cinco charlie . . . Oscar diez, nueve, cinco charlie . . . Oscar diez, nueve, cinco charlie . . . Oscar diez, nueve, cinco charlie . . . Oscar diez, nueve, cinco charlie . . . Uh, shuttup, Beavis.

73
Nils

Nils R. Bull Young
La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172>

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 9 Aug 1998 13:07:16 -0500
From: nilsbull@juno.com (Nils R Young)
To: QRP-L@Lehigh.EDU
Subject: [17203] FS: RAC Counter/Digital Dial

Message-ID: <19980809.130730.6702.2.nilsbull@juno.com>

Gang,

I forgot: "Elvis has left the building."

And the Radio Adventures Corp counter/digital dial is still for sale . .
. as in:

Radio Adventures Corp BK172 six-digit Frequency Counter/digital dial

This is similar to the OHR DD1, but of earlier & different
manufacture.

There's a toggle switch (spdt, center off) on the back to shift
between memories 6 & 7.

Complete: case/box, counter, book, operation notes

\$45 shipped US/Canada

Nils R. Bull Young

La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch

WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com

<http://www.geocities.com/Athens/Olympus/9172>

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Date: Sun, 09 Aug 1998 14:25:59 EDT

From: fcs@juno.com (dick rood)

To: qrp-l@Lehigh.EDU

Subject: [17204] six meters and up

Message-ID: <19980809.142521.4567.0.fcs@juno.com>

Sunday august 9th 1825Z

I just heard a report of someone in Philadelphia, PA
hearing an FM Broadcast station originating in Nebraska.

Has anyone checked 6 meters? or 2 meters etc?

I'm qrp FM29RI near Atlantic City....

dick, w2scf

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 9 Aug 1998 13:26:50 -0600
From: "Michael S. Williamson" <ag97@sendero.net>
To: qrp-l@Lehigh.EDU
Subject: [17205] VLF radio
Message-ID: <98080913344672200@mail>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

In case anybody's interested I found an ascii diagram of a VLF radio that looks pretty easy to build. I went ahead and drew it up on Electronics Workbench and converted it to gif form...those ascii diagrams are a bit hard to read. Is anybody here into VLF radio? It's at <http://members.xoom.com/Aggie97/ham/ham.html> (the URL is case sensitive)

73 de kc5cqm

Michael S. Williamson
Corpus Christi, TX

Date: Sun, 09 Aug 1998 14:47:40 EDT
From: penzo@juno.com (Michael A Penzo)
To: qrp-l@Lehigh.EDU
Subject: [17206] Tech America Solar panel
Message-ID: <19980809.132120.4831.5.penzo@juno.com>

Has any one tried the small solar panel listed on page 499 of the latest Tech America catalog? It's listed as "BatterySAVER PLUS 1.8 Watt Solar Battery Charger" and made by ICP Global Tech. They make it sound like it has a built in charge controller with a blinking LED charge indicator. The listed ratings are 15 volts at 125ma in full sun.

Would this panel be any good for charging a small gel cell like a 1.2 Ah 12 volt unit?

Thanks,
Mike, KT4FJ

Stafford, VA.

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 9 Aug 1998 12:19:11 -8
From: "Dan Hogan" <dhhogan@concentric.net>
To: qrp-1@Lehigh.EDU
Subject: [17207] Re: Do We Really Need to be Soldering First? (long) (was Elmer p
Message-ID: <199808091915.PAA13822@marconi.concentric.net>

George T. Baker wrote:

> One other approach to gaining the ends of this most interesting thread
> has not, to my knowledge, been mentioned.
[ALL LOT B.S.]

Chuck, guess where I filed this...without reading.

Dan Hogan WA6PBY West Covina, CA
dhhogan@concentric.net

Date: Sun, 9 Aug 1998 13:23:56 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@Lehigh.EDU, cqclist@mtechnologies.com, cw@qth.net
Subject: [17208] Single Digit Nye 330C Update
Message-ID: <199808091924.NAA22674@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Bidding for the new model 330C with single digit serial numbers is open until midnight Wednesday (MDT) so that non-email-capable persons can participate, and I thought it would be appropriate now to clarify a couple of things, mostly in answer to questions I've received. A copy of the original announcement is appended.

1. Profit from the sales. Profit from the sales of the single digit keys will be used to fund promotion of the learning and use of Morse and CW,

most likely in the form of an annual award to be administered by a national organization. The organization has agreed to this role in principle and details will be forthcoming soon.

2. Resolution of price-- the purpose of the bidding is to determine the selling price for the single digit keys only. The third highest bid will be declared to be the selling price. Only the top three bidders will be obliged to purchase a key, and the price for all three will be the third highest price bid. That means bidders one and two will pay LESS than they bid, and bidder number three will pay exactly what he/she bid. Those three keys (numbers 3,4 & 5) will ship immediately to the purchaser. The remaining single digit keys (6-9) will be OFFERED to the remaining bidders, in order of their bid, at the same price determined above. If your bid is lower than the third highest you have no obligation to purchase one. Keys numbered 6-9 will be delivered as soon as they are received from Nye, which is expected to be in two to three weeks, and they won't have to be paid for until they are available for delivery.

3. Multiple bids-- you can bid more than once, but only your highest bid will count. Successful bidders will be entitled to one single-digit key only, unless keys are available under point four below.

4. Price stabilization. In the (now apparently unlikely) event that we fail to sell all 7 keys at the price determined above to bidders, we will make them generally available at that price for however long it takes to sell them. We will not reduce the price.

Following is a re-post of the original announcement-- thanks for your attention and support. 73 DE N1FN

The first new key from Wm. M. Nye Company since the late '70s, the stunning Model 330C is mechanically similar to the classic Master Key, with a highly polished chrome base and lever, nickel plated hardware and Navy Knob. The hardware is selected by hand and each 330C is carefully inspected before packing to ensure a flawless finish. Complete with cord and 1/4" plug, the 330C has gold-plated hard silver contacts which are electrically isolated from the rest of the key. Weighing in at a pound and a half (not counting the cord), the 330C is a real attention getter and a delight to use.

Unlike any other Nye key, each 330C has a serial number stamped in the base.

You can see a picture of the 330C at <http://www.MorseX.com/nye.htm>

So far only 5 have been made. Nye has kept Serial Number 1, and Morse Express got the other four. I'm keeping #2 for myself[g]. I've ordered

more, and have been promised consecutive serial numbers from six up. Single digit serial numbers are very collectible, and there can only ever be nine of them. Given the number of serious collectors among you, it becomes very difficult to decide who should get the seven that are available, and what the price should be. So I will let you decide both issues for yourselves by means of a "modified blind auction."

Please keep in mind first of all that my intention is to be fair to everyone who might be interested in one of these keys. These are peculiar circumstances (unique in my experience) and my solution to the problem may seem a bit unusual, but I do believe it is fair.

A selling price for the single-digit keys will be determined as follows:

I will accept bids from interested parties until midnight on Wednesday, August 12th. You can bid by mail, phone, or e-mail. In the case of equal bids, the one arriving first will take precedence.

At the close of bidding, the single digit key price will be set as the THIRD HIGHEST BID. Keys numbered 3, 4, and 5 will be sold to the top three bidders at that price (the lowest of those three bids). The next four bidders will be given the option of buying keys numbered 6 through 9 at that same price.

Once numbers three through nine have been sold, there will be only the one price for a Nye 330C.

Remember, you are not committed to buying a key at all unless your bid is in the top three, and if it IS in the top three the price will be lower than you bid unless you happen to come in third.

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382
--

Date: Sun, 9 Aug 1998 15:40:33 -0300
From: w4bld@juno.com
To: qrp-1@Lehigh.EDU
Message-ID: <19980809.154034.3294.38.w4bld@juno.com>

Robert B. Kerby - W4BLD
PO Box 991 (231 Rosser Avenue)
Waynesboro, VA 22980
(540) 942-4356
(I collect Gonset, Morow and Elmac)

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Date: Sun, 9 Aug 1998 15:46:23 EDT
From: KF4EIB@aol.com
To: qrp-1@Lehigh.EDU
Subject: [17210] Alinco HT For Sale
Message-ID: <1da6d490.35cdfc90@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Greetings Gang,

In my pursuit of CW joy, I have found that I no longer need this HT.
If I could work a paddle or SK with it.....Hmmm?

For Sale:

Alinco DJ - 582T Dual Band VHF - UHF (2m / 70cm)
Alinco EMS - 9 Speaker / Mike
(2) Alinco 700mah Ni - Cad Packs
Alinco Battery Charger
(2) Antennas (BNC)
 1. Original Alinco Rubber Duck
 2. Larsen (I think) HT Ant. - Works better than original duck
Cig. Lighter Adapter for 12v from car (gives 5 watts) QRP :-)
Instruction Book / Manual
Sorry.... no original boxes.

All in GREAT shape / condition.

\$280.00 I pay shipping CONUS.

Please Money Orders or Cert. Check.

E-Mail direct please.

Thanks and 73,

Gordon kf4eib
Fists # 4336

Date: Sun, 9 Aug 1998 12:47:16 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: qrp-l@Lehigh.EDU (qrp)
Subject: [17211] KPH ?
Message-ID: <199808091947.MAA22901@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

I am listing to a very loud cw station signing KPH at 13.00mhz
Anyone know anything about it?

cheers, Paul VE7CQK/email: paule@fraser.sfu.ca

Date: Sun, 9 Aug 1998 15:59:59 -0400 (EDT)
From: Bruce Muscolino <w6toy@erols.com>
To: QRP-L@Lehigh.EDU
Subject: [17212] Jamming on Arnie's Show Last Night?
Message-ID: <2.2.16.19980809155115.2e97a4f0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Along with many of you, I expect, I tuned to the 0130 UTC edition of Arnie Coro's DXers Unlimited show on Radio Havane last night. About three to five minutes into the show the S-meter "pegging" signal was covered up by a loud swishing noise -- no heterodyne that I could hear. I tried for about another five or so minutes before I gave up in disgust. I wonder if anyone else heard this. I was listening to the 6 MHz signal. I tried to find the 9 MHz and the 13 MHz signals with no luck. I did tape a few minutes of the noise. QTH here is just outside Washington, DC, and seriously, with the RF gain full up on the Hammarlund HQ100 the signal does peg the S meter!

Date: Sun, 09 Aug 1998 15:07:51 -0600
From: Mike - W0TMW <crucis@sky.net>
To: n2tpa@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [17213] Re: Quotation Verbosity Monitor Report
Message-ID: <35CE0197.9F6B006@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill d Lazure wrote:

>
> Fellow QRPers,
>
> If I may place a vote FOR wasting bandwidth. When someone
> references a message in there reply, I find it handy to have that
> original message quoted.

Snip!

> N2TPA
> Bill Lazure
> Syracuse, NY

I'll second that! When a response arrives to an e-mail---several days or weeks later, you need something to remind you about the original message.

Since we're talking about pet peeves, mine is the two word reply with no hint or context about the original message. If I could, these would be the first messages filtered out!

--

=====
Mike Watson, W0TMW Raymore, MO
=====

Date: Sun, 09 Aug 1998 20:48:58 GMT
From: nhoop@centuryinter.net (Nat H)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [17214] Re: Quotation Verbosity Monitor Report
Message-ID: <35d60ae5.32893221@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>I maintain it isn't broken -- so why fix it?

Could be the owner has a space problem?

72 Nat KM5QU
Oxford AR

Date: Sun, 09 Aug 1998 21:41:18 GMT
From: nhoop@centuryinter.net (Nat H)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [17215] Re: Car Battery in house?
Message-ID: <35d8160f.35751598@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>Can anyone steer to straight dope on the safety of using a trickle-charged
>car battery in my house?

Hey guy's! I wanna thank all of you that tried to help me with this. But I
got about the same answers as the ones that confused me before. Every view
from: "Sure, I deep charge them all the time." to: "NONO, IT'S DANGEROUS!!"

I guess I have to apply some common sense here....H'm, now WHERE did I put
that elusive stuff?

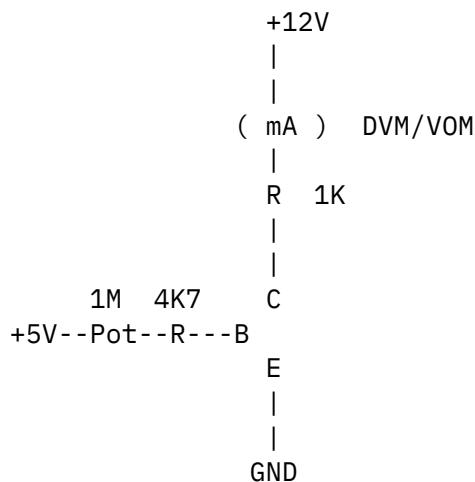
Thanks again....

72 Nat KM5QU
Oxford AR

Date: Sun, 9 Aug 1998 22:47:49 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [17216] Measuring transistor hFE
Message-ID: <3yDlrGAFkhz1Ewhq@lfheller.demon.co.uk>
MIME-Version: 1.0

Although many multimeters incorporate a transistor hFE measurement facility, it's often desirable to measure hFE for a given collector current. If you have a power supply giving, say, 12 V and 5 V outputs, the following technique works very well. It's based on an exercise in the Student Manual for The Art of Electronics.



Simply adjust the pot. until you get the desired collector current, then measure the pot. resistance, and add the 4K7 resistance to it. Call the combined resistance R (K Ohms). If I_c is the collector current (mA), and I_b is the base current, assuming that V_{be} is 0.65 V:

$$I_b = (5 - 0.65) / R$$

giving

$$hFE = I_c / I_b = I_c * R / (5 - 0.65)$$

The more observant of you will have noticed that the above equation doesn't include the supply voltage, and that it would be easy to use another voltage (6V, say) in place of the 5V supply.

It's very instructive to calculate the hFE value for a particular device, at say, 2 mA collector current. Then design a simple common emitter amplifier using the measured value, construct the amplifier and see how well your design corresponds to the actual amplifier you have built, in terms of gain, input and output impedance, etc. I could prepare some notes on this, if anyone is interested. We could progress from this via a tuned RF amplifier to simple oscillator design, developing the circuits from simple first principles, and a few "rules

of thumb".

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of a simple AD9850
DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Sun, 9 Aug 1998 14:39:57 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: "Michael S. Williamson" <ag97@sendero.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [17217] Re: VLF radio
Message-ID: <Pine.LNX.3.96.980809143740.15517H-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 9 Aug 1998, Michael S. Williamson wrote:

> In case anybody's interested I found an ascii diagram of a VLF radio
> that looks pretty easy to build. I went ahead and drew it up on
> Electronics Workbench and converted it to gif form...those ascii
> diagrams are a bit hard to read. Is anybody here into VLF radio?
> It's at <http://members.xoom.com/Aggie97/ham/ham.html> (the URL is case
> sensitive)

I'd like to get into the 1750m band some day. I just haven't had the time
for it though.

Picked up a copy of Radio Frequency Design, too. *WAY* over my head, but
just ignoring the math, I learned a *LOT*. Remember all those times that
I kept complaining that my circuits don't match expected results? It's
all in that book, and he (W7ZOI) goes on to explain WHY they happen.

This is the book I've been looking for for years. \$30 spent on the book;
wealth of knowledge returned is infinite. Highly recommended.

Hopefully with the help of that book, I'll be able to design a 1750m band
radio that fits in an Altoids tin. Heck, even picked up a Wintergreen
flavored Altoids the other day. ;)

=====
KC5TJA/6 |
DM13 |

-| TEAM DOLPHIN |-
Samuel A. Falvo II

QRP-L #1447 |

<http://www.dolphin.openprojects.net>

Date: Sun, 09 Aug 1998 17:55:56 EDT
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [17218] KPH 13001.90 khz
Message-ID: <19980809.215155.8191.10.n4so@juno.com>

Globe Wireless
from Half Moon Bay, CA -
KPH cw station/13001 khz
CustomerSupport@globewireless.com

Walter Kane WKane@globewireless.com
Peter Kierans globeops@globewireless.com
Part of a network of stations around the world used on the Sitor mode
mainly.

KEN BROWN N4SO
QRP-L #622/Near Mobile, AL EM50tk
n4so@juno.com

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 9 Aug 1998 17:17:17 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [17219] Wire/Rope Ant... 40mtr/20mtr... Cajun this way-that a'way special
Message-ID: <199808092217.RAA17061@ns1.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High gang:]

well, I think I done sumthin I can name... :-) I call it the cajun "this a'way- that a'way" ant... currently only using the twenty meter cajun delight version... forty works well and "this a'way works fine on twenty...

I need to lower the rope and change an attachment point and then try the "that a'way" section on twenty...

My poor cajun momma is proud of her little boy today... done good momma... bring on the crawfish...

joel in maine, looking ne/sw and working most of em... :-)

God Bless

Joel

WA5CVM

Joel Denison Gentle Lady (RC Sail Plane)(049 engine - start)

PO BOX 542 DIPOLE on 40mtr

Strong, Maine 04983 QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765

jdenison@morelr.com Use strong nets guys, the crawfish are big over here

Date: Sun, 9 Aug 1998 18:21:37 -0400 (EDT)

From: hsilver@pyx.net

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [17220] Re: Measuring transistor hFE

Message-ID: <Pine.LNX.3.95.980809181916.2299A-100000@matrix.pyx.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 9 Aug 1998, Leon Heller wrote:

> and add the 4K7 resistance to it. Call the

> combined resistance R (K Ohms).

Thanks for the great tip Leon. One small question for clarification please, is 4K7 resistance a variation on the notation for 4.7K ohms or 4700 ohms ?

Harley Silver

Date: Sun, 9 Aug 1998 18:25:08 EDT

From: RangerSF5@aol.com
To: w4bld@juno.com, qrp-1@Lehigh.EDU
Subject: [17221] Re:
Message-ID: <7829f4ef.35ce21c5@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-08-09 15:42:31 EDT, you write:

<<
Robert B. Kerby - W4BLD
PO Box 991 (231 Rosser Avenue)
Waynesboro, VA 22980
(540) 942-4356
(I collect Gonset, Morow and Elmac)
>>

Robert B Kerby
Who is this address directed to?
I think you responded to my items for sale(not sure) but both the 40-M amp HT
are sold.
Bob
WA2HOQ

End of QRP-L Digest 1178

